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U.S. Department of Agriculture

Book of

Ornamental Trees Shrubs *and* Plants



WELLINGTON & DAVIDSON

The Fonthill Nurseries

ESTABLISHED 1837

FONTHILL, ONTARIO

The Small Property



*A good example of a Foundation Planting of Flowering Shrubs for a small house and lawn.
Inexpensive and beautiful all year round.*

For list of suitable varieties for this purpose. see page 16

IMPORTANT

Our prices are quoted only on first-class Stock grown expressly for our Landscape Trade.

Prices include *Free Delivery* at nearest Railway Station or Express Office, or where we have a Delivery, at customer's residence.

Terms are cash when stock is received and found satisfactory. No deposit required.

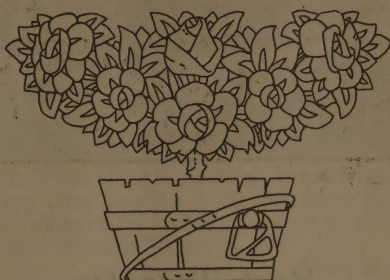
Our extensive Nurseries at Fonthill, Ont., are open for your inspection. Visitors are always welcome.

GENERAL CATALOGUE

WITH PRICES

of

ORNAMENTAL AND
SHADE TREES,
FLOWERING SHRUBS,
VINES, ROSES, BULBS,
and PERENNIAL PLANTS.



The
Stately American
Elm



Best Tree for
Lawn and Street
Planting

Ornamental Trees

FOR LAWNS, CEMETERIES, PARKS, ETC.

- AILANTHUS or TREE OF HEAVEN** (*Glandulosa*). A lofty, rapid-growing tree, with long, elegant feathery foliage, exempt from all diseases and insects. One of the most distinct of ornamental trees with pinnate foliage. Useful to produce tropical effects.
8-9 ft.....\$2.50 each, \$25.00 per 12.
- BEECH, PURPLE LEAVED** (*Fagus Purpurea*). An elegant, vigorous tree, growing 40 to 50 feet high. Foliage deep purple, changing to crimson. Small trees are preferable for transplanting.
3-4 ft.....\$3.00 each, \$30.00 per 12.
- BEECH, RIVERS' SMOOTH-LEAVED** (*Fagus Purpurea Riversii*). This variety differs from the ordinary Purple-leaved Beech by its compact, symmetrical habit of growth, and crimson foliage early in the spring, changing to dark purple in summer. The finest of all purple-leaved trees.
2-3 ft.....\$2.50 each, \$25.00 per 12.
- BIRCH, PAPER OR CANOE** (*Betula Papyracea*). Native of America; forms a large tree; bare brilliant white, leaves large and handsome.
5-6 ft.....\$2.50 each, \$25.00 per 12.
- BIRCH, WHITE** (*Betula*). A distinct American species, of vigorous rapid growth, with triangular taper-pointed leaves, smooth and glossy. Grows to twenty and thirty feet.
5-6 ft.....\$2.00 each, \$20.00 per 12.
- CATALPA SPECIOSA**. A hardy and rapid grower, purplish-white flowers in June-July.
7-9 ft.....\$2.50 each, \$25.00 per 12.
- HORSE CHESTNUT, WHITE FLOWERING** (*Aesculus Hippocastanum*). A very beautiful, well-known tree, with round, dense head, dark green foliage, and an abundance of showy flowers in early spring.
7-8 ft.....\$2.50 each, \$25.00 per 12.
- LINDEN, WHITE-LEAVED** (*Tilia Argentea*). A handsome, vigorous growing tree; large leaves, whitish on the under side, and has a beautiful appearance when ruffled by the wind. One of the best.
7-8 ft.....\$2.50 each, \$25.00 per 12.
- LOCUST, BLACK OR YELLOW**. Rapid growing tree, valuable for timber, and as an ornamental. Flowers borne in long racemes, white or yellow; very fragrant. June.
8-10 ft.....\$2.50 each, \$25.00 per 12.
- MOUNTAIN ASH, EUROPEAN** (*Sorbus aucuparia*). A very stately upright-growing tree, bearing in Spring large panicles of creamy-white flowers, followed by brilliant scarlet berries in Fall. Sometimes called the "Rowan" tree.
7-9 ft.....\$2.00 each, \$20.00 per 12.
- MULBERRY, RUSSIAN** (*Morus*). A very hardy, rapid-growing timber tree of great value, introduced from Russia by the Menonites; foliage abundant, and said to be very desirable in the culture of silk worms.
5-7 ft.....\$1.50 each, \$16.00 per 12.
- MULBERRY, TEA'S WEeping**. A most graceful and beautiful hardy weeping tree, wholly unlike anything heretofore introduced, forming a perfect umbrella-shaped head, with long, slender, willowy branches, drooping to the ground, parallel with the stem. These hang like the most delicate vines from a hanging basket and are swayed by the slightest breath of wind. Admirably adapted for cemetery planting.
5-7 ft.....\$3.00 each, \$30.00 per 12.

OAK, SCARLET (*Quercus Rubra*). An American species, of large size and rapid growth, foliage purplish red in fall.

6-7 ft.....\$3.00 each, \$30.00 per 12.

PAULOWNIA IMPERIALIS. A magnificent tropical-looking tree from Japan, of extremely rapid growth, and surpassing all others in size of its leaves, which are twelve to fourteen inches in diameter. Blossoms trumpet-shaped, appear in May.

8-10 ft.....\$3.00 each, \$30.00 per 12.

PLANE TREE (*Platanus Occidentalis*). A well-known tree. Leaves heart-shaped at base, the short lobes sharp-pointed.

7-8 ft.....\$2.50 each, \$25.00 per 12.

PLUM PISSARDI (*Prunus*). The finest purple-leaved small tree or shrub. Leaves, when young, are lustrous crimson, changing to a dark purple, and retain this beautiful tint till they drop, late in autumn. Flowers small, white, single.

2-3 ft.....\$1.50 each, \$16.00 per 12.

STRAWBERRY TREE (*Eunymous*). Ornamental, attaining a height of 25 to 30 feet; fruit rose colored.

4-6 ft.....\$2.50 each, \$25.00 per 12.

WILLOW, GOLDEN (*Salix Vitellina Aurantiaca*). A very attractive tree at all seasons of the year, but particularly so in winter, on account of its yellow bark.

7-8 ft.....\$2.00 each, \$20.00 per 12.

WILLOW, LAUREL-LEAVED (*Salix Laurifolia*). A fine tree, with large, shiny leaves; valuable for seashore planting.

7-8 ft.....\$2.00 each, \$20.00 per 12.

Shade Trees

SUITABLE FOR STREET AND BOULEVARD PLANTINGS.



ELM, AMERICAN (*Ulmus Americana*). One of the finest avenue trees, long lived and arching.

8-10 ft.....\$2.50 each, \$25.00 per 12.

10-12 ft.....\$3.00 each, \$30.00 per 12.

ELM, SCOTCH or WYCH (*Ulmus Montana*). A fine, spreading tree, of rapid growth; foliage large.

8-10 ft.....\$2.50 each, \$25.00 per 12.

LINDEN, AMERICAN (*Tilia Americana*). Vigorous grower, foliage silvery underneath.

6-8 ft.....\$2.00 each, \$20.00 per 12.

8-10 ft.....\$2.50 each, \$25.00 per 12.

MAPLE, NORWAY (*Acer Platanoides*). Of strong growth, dense foliage and spreading habit.

8-10 ft.....\$2.50 each, \$25.00 per 12.

MAPLE, SILVER (*Acer Dasycarpum*). Leaves lobbed, silvery underneath, bright green above; a very rapid grower.

8-10 ft.....\$2.00 each, \$20.00 per 12.

10-12 ft.....\$2.50 each, \$25.00 per 12.

POPLAR, CAROLINA. The best of all Poplars to plant as shade trees. Pyramidal in form, rapid in growth, leaves large, deep glossy green. Will thrive where other trees fail.

8-10 ft.....\$1.50 each, \$16.00 per 12.

10-12 ft.....\$1.75 each, \$18.00 per 12.

POPLAR, LOMBARDY (*Populus Fastigiata*). Erect, rapid grower, forming a slender column; dense growth. Not as long lived as many others.

8-10 ft.....\$1.50 each, \$16.00 per 12.

10-12 ft.....\$1.75 each, \$18.00 per 12.

POPLAR, RUSSIAN. A very hardy variety with glossy foliage. Imported by us direct from Russia, and especially adapted for the colder section of the Northwest.

7-8 ft.....\$1.50 each, \$16.00 per 12.

POPLAR, VOLGA. One of the best for Western planting. Introduced by the Mennonites from Russia. Foliage beautiful, glossy, turning to golden in late autumn.

8-10 ft.....\$1.50 each, \$16.00 per 12.

10-12 ft.....\$1.75 each, \$18.00 per 12.

Nut Trees

CHESTNUT, AMERICAN SWEET. A valuable native tree, both useful and ornamental; timber is very durable and possesses a fine grain, for oil finish. Nuts sweet, of delicate flavor, and are a valuable article of commerce.

5-7 ft.....\$2.50 each, \$25.00 per 12.

FILBERT, ENGLISH. This is one of the easiest culture, growing 6 to 8 feet high, entirely hardy, and one of the most profitable and satisfactory nuts to grow, succeeding on almost all soils, bearing early and abundantly; nut nearly round, rich, and of excellent flavor; admired by all for the dessert.

3-4 ft.....\$2.50 each, \$25.00 per 12

Evergreen Trees

Evergreens are very desirable, but they are difficult to transplant, and both the time and manner of transplanting should be looked to. They should never be set in the fall. They may be set in August, or after they have started in May; but they should be subjected to as little exposure as possible, and be set with great care.

PRUNING EVERGREENS.

Use the knife occasionally to thicken the growth and preserve the shape. This can be done in April or May, just before the trees start to grow.



ARBOR VITAE (Thuja).

- A. AMERICAN OR WHITE CEDAR (Occidentalis).** This is one of the finest evergreens for a hedge. It is very hardy and if set at the proper time with care, and without undue exposure, it may be relied upon to live. It bears shearing better than any other variety, and may be made a very beautiful and dense hedge or screen to divide grounds, or for any purpose where it is not required to resist cattle or other animals.

12-18 ins	\$40.00 per 100.
18-24 ins.....	60.00 per 100.
2-3 ft.....	\$1.00 each, \$11.00 per 12, \$75.00 per 100.
3-4 ft.....	\$1.50 each, \$16.00 per 12.
4-5 ft.....	2.00 each, 20.00 per 12.
5-6 ft.....	3.00 each, 30.00 per 12.

- A. GLOBE HEADED (Globoso).** Forms a dense, round shrub; very desirable.

12-18 ins.....	\$2.00 each, \$20.00 per 12.
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- A PYRAMIDALIS.** The most beautiful of all the Arbor Vitae, having dark green, compact foliage and remarkably erect form; perfectly hardy.

18-24 ins.....	\$2.00 each, \$20.00 per 12.
2-3 ft.....	2.50 each, 25.00 per 12.

FIR (Abies).

- F. BALSAM (Balsamea).** A very regular symmetrical tree, assuming the conical form even when young; leaves dark green above, silvery beneath.

3-4 ft.....	\$3.00 each. 30.00 per 12,
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- F. DOUGLAS (Douglasii).** From Colorado. Large conical form; branches spreading horizontal; leaves light green above, glaucous below.
 4-5 ft.....\$4.00 each, 40.00 per 12.
- F. NORDMANNIANA.** This is a symmetrical and imposing tree; the warm green of the young shoots contrasts finely with the rich, deep color of the old foliage; the best of the Silver Firs.
 4-5 ft.....\$4.00 each, \$40.00 per 12.
- F. SILVER FIR OF COLORADO (Concolor).** Without doubt the finest of the Rocky Mountain evergreens. Tree of graceful habit; broad, handsome foliage; bluish above, silvery beneath. A grand tree, very distinct and exceedingly rare as yet.
 2-3 ft.....\$4.50 each, \$45.00 per 12.
 3-4 ft.....\$6.00 each.

JUNIPER (Juniperus).

- J. IRISH (Hibernica).** Very erect and tapering in its growth, forming a column of deep green foliage; a pretty little tree or shrub, and for its beauty and hardiness is a general favorite.
 2-3 ft.....\$3.00 each, \$30.00 per 12.
- J. PFITZERIANA.** A beautiful new evergreen, of graceful habit, resembling in form the well-known J. Japonica aurea, though in color the foliage is of a pleasing glaucous green.
 2-3 ft.....\$4.00 each, \$40.00 per 12.
- J. SAVIN (Sabina).** A low, spreading tree, with handsome, dark green foliage; very hardy and suitable for lawns and cemeteries; can be pruned to any desired shape and made very ornamental.
 12-18 ins.....\$2.50 each, \$25.00 per 12.

PINE (Pinus).

- P. DWARF MUGHO (Mugho).** An upright, small pine, found on the Pyrenees and Alps. Its general form is that of a pine bush, but it has been found growing as high as 40 feet.
 12-18 ins.....\$2.50 each, \$25.00 per 12.

SPRUCE (Picea).

- S. BLUE (Pungens).** This species has been tested at various points on prairies of the Northwest with perfect success, enduring a temperature of thirty degrees below zero, in exposed situations, without injury. This is not only one of the hardiest, but the most beautiful of all spruces. Miss Bird, in her "Lady's Life in the Rocky Mountains," mentions it as the most attractive tree she has seen, beautiful alike in shape and color. "It looks," she writes, "as if a soft blue powder had fallen upon its deep green needles; or as if a bluish hoar-frost, which must melt at noon, were resting upon it." Beautiful in color and outline, and hardy, it is a valuable acquisition. Very rare.
 2-3 ft.....\$8.00 each.
 3-4 ft.....15.00 each.
 6-8 ft.....25.00 each.
- S. EXCELSA AUREA.** In growth and habit, the same as the common Norway Spruce, with a decided tinge of golden yellow foliage. New and scarce.
 2-3 ft.....\$4.00 each, \$40.00 per 12.
- S. HEMLOCK, COMMON HEMLOCK (Canadensis).** When finely grown, almost the handsomest of all evergreens, with delicate dark glossy foliage, and drooping branches; when old, it loses its conical shape, and assumes irregular and picturesque forms. Should be transplanted young.
 3-4 ft.....\$4.00 each, 40.00 per 12.

S. NORWAY (Abies Excelsa). One of the handsomest and most popular of evergreens; when young the tree is remarkably rich and luxuriant; as it grows older its branches droop with a fine graceful curl or sweep, some specimens, however, more than others; and when covered with its large pendant cones it is an object exceedingly picturesque and beautiful. Plants of all sizes can be furnished. Makes fine hedges, and windbreaks.

12-15 ins.....\$6.00 per 12, \$35.00 per 100.

15-18 ins..... 8.00 per 12, 40.00 per 100.

S. WHITE (Alba). A native tree of medium size, varying in height from 25 to 50 feet, of pyramidal form. Foliage silvery gray, and bark light colored. Very hardy and valuable.

18-24 ins.....\$1.00 each, \$10.00 per 12.

2-3 ft..... 1.50 each, 15.00 per 12.

3-4 ft..... 2.00 each, 20.00 per 12.

4-5 ft..... 3.00 each, 30.00 per 12.

YEW (Taxus).

Y. BACATA (European Yew). Slow-growing, with short stems and very bushy head; densely branched, thickly covered with drooping somber green leaves.

15-18 ins.....\$3.00 each, \$30.00 per 12.

Y. CUSPIDATA (Japanese Yew). A dense shrub; foliage dark shining green, tawny yellow beneath. Fruit bright scarlet, berry-like; hardy.

12-18 ins.....\$4.50 each.

Best Shrubs for Hedging



(A Hedge of Spirea Van Houtte.)

BERBERRY THUNBERGII. Where a low hedge or border is wanted the Japan Berberry is the most desirable. It is of dwarf habit, very hardy and not only beautiful for its foliage effects, but for the berries in the Fall which hang all Winter. In the Spring little yellow flowers droop from the branches and which later on turn into the berries. The foliage is light and dark green. The new

shoots are light green and the old shoots dark green. In the Fall, however, the whole bush turns bright crimson. Plant one foot apart.

12-18 inch size.....\$40.00 per 100.

18-24 inch size..... 65.00 per 100.

BUCKTHORN. A stiff twiggy tall shrub, which makes a capital hedge or a good border bush. A splendid variety to grow in cold or exposed sections of the country, as it is perfectly hardy, and stands anywhere. Plant 9-12 ins. apart.

12-18 ins.....\$25.00 per 100.

CARAGANA (Siberian Pea Tree). One of the best hedges for cold sections, entirely hardy, bears pea shaped yellow flowers in May. Plant 9-12" apart.

12-18 ins... \$20.00 per 100

ENGLISH PRIVET. Where formal effects are wanted the Privet is the variety to plant, as it stands close clipping perfectly and can be sheared three or four times during the season. Plant 6-9 inches apart.

18-24 ins..... \$30.00 per 100.

HONEY LOCUST. Best farm hedge for turning cattle; of vigorous growth, hardy, sufficiently thorny to be impenetrable. Plant 6" apart.

12-18 ins... \$15.00 per 100

SPIREA VAN HOUTE. Where a flowering hedge is wanted this variety fills the bill. Nothing is more beautiful than a hedge of this Spirea in full bloom in Spring. It is very hardy and only requires to be trimmed once a year, immediately after the bloom has fallen. The proper distance to plant is 6-9 inches apart.

18-24 ins., hedging size.....\$40.00 per 100.

2-3 ft., shrub size..... 65.00 per 100.

Flowering Shrubs



PRUNING SHRUBS.

Many persons trim and shear them into regular shape, imagining that regular outline adds to their effect and beauty. While symmetry and regularity of form are to be admired in a shrub, this quality should never be gained at the expense of health and natural grace.

Each shrub has peculiarities of habit and foliage, and we should aim to preserve them as far as possible. Judicious pruning to secure health and vigor is necessary, but trimming all kinds of shrubs into one form shows a lack of appreciation for natural beauty, to say the least. Weigelas, Deutzias, Forsythias, Mock Orange, Spiraeas and Lilacs flower on the wood of the preceding year's growth, hence the shrubs should not be pruned in Winter or Spring, but in June, after they have finished flowering, when the old wood should be shortened or cut out, thus promoting the growth of the young wood, which is to flower the following season.

Althæas and Honeysuckles may be trimmed during the winter or early spring, but the branches should only be reduced enough to keep them in good shape. The old growth should be occasionally thinned out and the suckers and root sprouts removed when they appear. The best time, however, for pruning all shrubs is when they have done flowering. The *Hydrangea Paniculata Grandiflora* should be severely cut back and thinned early in Spring.

Unless otherwise specified, our Shrubs will be prime 2 to 4 feet, according to variety.

ALTHEA (Rose of Sharon)

Fine shrubs, especially valuable because of their flowering in the Fall, when other Shrubs are out of bloom. Colors, Double Blue, Pink, Purple, Red and White, also variegated foliage.

\$1.25 each, \$12.00 per 12.

ARALIA SPINOSA. Small tree or large shrub, with stout prickly stems and compound leaves, often 3-4 ft. long. Flower creamy white, in huge panicles, followed by a wealth of dark purple berries.

90c each, \$9.00 per 12.

BARBERRY (Berberis).

B. COMMON (Vulgaris). A fine shrub with yellow flowers in drooping racemes, produced in May or June, followed by orange scarlet fruit.

90c each, \$9.00 per 12.

B. THUNBERG'S (Thunbergii). From Japan. A pretty species, of dwarf habit, small foliage, changing to a beautiful coppery red in autumn. Valuable as an ornamental hedge. Bright red berries, hang all winter.

90c each, \$9.00 per 12.

BLADDER SENNA (Colutea Arborescens). A large shrub with small delicate foliage, and yellow pea-blossom-shaped flowers in June, followed by reddish pods or bladders.

90c each, \$9.00 per 12.

BUTTERFLY BUSH (Buddleii or Summer Lilac). Desirable summer flowering shrub. Flowers freely from July till cut off by frost. Flowers violet-mauve, borne in dense spikes.

\$1.00 each, \$10.00 per 12.

CALYCANTHUS, or SWEET-SCENTED SHRUB. The wood is fragrant, foliage rich, flowers of rare chocolate color, having a peculiarly agreeable odor. Flowers in June, and at intervals afterwards.

90c each, \$9.00 per 12.

CARAGANA, SIBERIAN PEA TREE (Arborescens). A shrub or low tree. Native of Siberia and China. Pea-shaped yellow flowers in May.

90c each, \$9.00 per 12.

COTONEASTER. A hardy shrub with erect stems, spreading branches, very effective for border plantings on account of profusion of white flowers and bright red autumnal berries.

\$1.00 each, \$11.00 per 12.

DEUTZIA.

- D. CANDIDISSIMA** (Double White Flowering). One of the finest shrubs, producing snow-white flowers of great beauty, and valuable for bouquets and baskets. 90c each, \$9.00 per 12.
- D. CRENATA FLORE PLENA.** Flowers double white, tinged with rose. One of the most desirable flowering shrubs in cultivation. 90c each, \$9.00 per 12.
- D. SLENDER BRANCHED** (*Gracilis*). A charming variety, introduced by Dr. Siebold. Flowers pure white, and so delicate that they are very desirable for decorative purposes. 90c each, \$9.00 per 12.
- D. LEMOINEI.** A low-growing shrub, like *Deutzia Gracilis*, although a great improvement on that variety, which it probably will supplant. Its flowers, when open, are cross-shaped, and it is still more showy than *Gracilis*. 90c each, \$9.00 per 12.
- D. PRIDE OF ROCHESTER.** A large flowering variety, of vigorous form with very large double white flowers. Distinct and valuable. 90c each, \$9.00 per 12.
- D. ROUGH-LEAVED** (*Scabra*). An exceedingly profuse white-flowering shrub. 90c each, \$9.00 per 12.

DOGWOOD (*Cornus*).

- D. RED BRANCHED** (*Sanguinea*). A native species; very conspicuous and ornamental in the winter, when the bark is a blood-red. \$1.25 each, \$12.00 per 12.
- D. SIBERICA** (Red Siberian Dogwood). An upright shrub, with bright blood-red bark. Native of Siberia. Leaves dark green, pale beneath. Flowers white. Fruit light blue or bluish white. Very beautiful, and especially in early winter, when bark is entirely colored. \$1.25 each, \$12.00 per 12.

ELAEAGNUS or OLIVE.

- E. AUGUSTIFOLIA** (Russian Olive). Introduced by the Mennonites from Russia; very hardy. Its clean dark limbs, silvery twigs and leaves, sweet flowers and golden fruit, make it most desirable for lawn planting. 90c each, \$9.00 per 12.
- E. LONGIPES.** Blooms about May 15th, and bears a profusion of small, greenish, silvery yellow flowers. The fruit is edible. Berries red in color; foliage silver-hued, clean and fine. \$1.25 each, \$12.00 per 12.

ELDER (*Sambucus*).

- E. GOLDEN** (*Aurea*). A beautiful variety, with light yellow leaves, which hold their color well, and render the plant very conspicuous and effective. \$1.25 each, \$12.00 per 12.
- E. RACEMOSUS.** Tall grower, with bright red fruits. \$1.25 each, \$12.00 per 12.

FILBERT, PURPLE-LEAVED (*Corylus Avellana Atropurpurea*). A vigorous shrub, with large, deep purple leaves; very ornamental; produces good fruit. \$1.25 each, \$12.00 per 12.

FORSYTHIA or GOLDEN BELL

- F. FORTUNE'S FORSYTHIA** (*Fortunei*). Growth upright, foliage deep green, flowers bright yellow. \$1.25 each, \$12.00 per 12.

- F. INTERMEDIA.** Flowers bright golden; foliage glossy green, like Viridissima, but hardier than that variety. Valuable.
\$1.25 each, \$12.00 per 12.
- F. WEEPING (Suspensa).** A shrub resembling Fortuneii in its flowers, but the growth is somewhat drooping. \$1.25 each, \$12.00 per 12.
- F. VIRDISSIMA.** A very singular and quite ornamental shrub. Its branches, in the very early spring, before the leaves appear, are covered with bright golden yellow, pendulous flowers.
\$1.25 each, \$12.00 per 12.

FRINGE TREE (Rhus).

- F. PURPLE, VENETIAN SUMACH, or SMOKE TREE (Rhus Cotinus).** Very elegant and ornamental, with curious hair-like flowers, of a pinkish brown color, giving it the names "Purple Fringe" and "Smoke Tree." Blossoms in July, sometimes literally covering the tree, remaining all summer.
\$1.25 each, \$12.00 per 12.
- F. WHITE (Chionanthus Virginica).** An entirely different plant from the preceding; has handsome, large foliage, and racemes of delicate white flowers, that hang like finely-cut shreds, or fringes of white paper.
\$1.25 each, \$12.00 per 12.

GLOBE FLOWER, or CORCHORUS (Kerria Japonica).

- G. WHITE KERRIA (Rhodotypos Kerrioides).** Handsome and distinct shrub, foliage bright green and lustrous flowers, pure white, an inch or more across, appearing in late Spring.
\$1.25 each, \$12.00 per 12.
- G. YELLOW.** A slender green-branched shrub with globular yellow flowers, from July to October. \$1.25 each, \$12.00 per 12.

HONEYSUCKLE (Lonicera).

- H. MORROWII.** A fine variety from Japan, valuable for its handsome red fruit. \$1.25 each, \$12.00 per 12.
- H. TARTARIAN ROSEA (Tartarica).** Pink flowers, which contrast beautifully with the foliage. This and Grandiflora appear to fine advantage planted together. 90c each, \$9.00 per 12.
- H. TARTARIAN WHITE.** Flowers creamy white, fragrant, appearing in May, before the leaves; one of the earliest flowering shrubs. 90c each, \$9.00 per 12.

HYDRANGEA.

- H. ARBORESCENS STERILIS (Hills of Snow).** Handsome hardy shrub, literally loaded with dazzling white flowers, resembling the Snowball. Continues to blossom for a large part of the Summer. 90c each, \$9.00 per 12.
- H. PANICULATA GRANDIFLORA.** A fine, hardy shrub, growing to the height of eight or ten feet; flowers white, in great pyramidal panicles a foot long, produced in August or September, when most other shrubs are out of bloom. Very elegant and showy.
2-3 ft..... 90c each, \$9.00 per 12.
Tree Form..... \$2.00 each, 22.00 per 12.
- H. OTAKSA.** Foliage beautiful deep green. Flowers rose colored. Should be planted in tubs and protected in the Winter. A desirable house plant.
\$1.00 each, \$10.00 per 12.

JAPAN QUINCE, DOUBLE SCARLET (*Cydonia*). A handsome variety, with semi-double scarlet flowers. Extra.
90c each, \$9.00 per 12.

LILAC (*Syringa*).

- L. BELLE de NANCY.** Double-flowered, color light purple, bluish tinge; late; with large trusses.
- L. BLUATRE.** Single-flowered, a free growing sort with heavy spikes of bloom, having a decided blue shade. One of the best of this color.
- L. CHARLES JOLY.** Double-flowered, very dark reddish purple; superb.
- L. CHARLES THE TENTH.** Single-flowered, a strong, rapid grower, with large shining leaves, and reddish purple flowers.
- L. LUDWIG SPAETH.** Single-flowered, is of recent introduction, and one of the best in our collection. Flowers large, single, dark red. Superb.
- L. MADAME LEMOINE.** Double-flowered, new; flowers rose shaped, pure white, perfectly double. About the only double white lilac grown. A beauty in every respect.
- L. PRESIDENT GREVY.** Bears long panicles of single flowers, three-fourths of an inch in diameter. Flowers very large double, and a beautiful shade of blue in color.
- L. SOUVENIR DE L. THIBAUT.** Very large flower; very double, reddish purple; a fine variety.
- L. TOURNEFORT.** Double-flowered, color clear lavender; truss of largest size.
- L. VILLOSA.** A new species from Japan. Foliage like that of the white fringe tree, and rosy-pink blossoms. A distinct new color in lilacs.

OUR LILACS are grown in Tree form and will run 3-4 feet in height. Special named varieties.....\$1.25 each, \$12.00 per 12.
In Colors, Purple, Pink, Red, Blue and

White..... 1.00 each, 11.00 per 12.

MAHONIA, HOLLY-LEAVED or ASHBERRY (*Aquifolia*). A most beautiful evergreen shrub, with glossy, holly-like leaves, which change to brownish green in winter, with clusters of bright yellow flowers in May; very hardy, and makes a good hedge.
\$1.25 each, \$12.00 per 12.

PRIVET, AMOOR RIVER (*Amirensis*). A large shrub with upright branches, growing 8 to 12 feet tall. Native of China. Leaves dark green and lustrous. Flowers white, in erect panicles.
90c each, \$9.00 per 12.

PRIVOT IBOTA. A large shrub with graceful arching branches. Leaves dark green and lustrous, persisting until the advent of cold weather. Flowers white in numerous nodding clusters. A handsome shrub, valuable for specimen plants and mass planting or hedges.
90c each, \$9.00 per 12.

PRIVET REGEL'S. A form of the last with spreading, often horizontal branches. It is a smaller plant and much more dense in habit. Very picturesque and valuable for informal hedges or as single specimens.
90c each, \$9.00 per 12.

- ST. JOHN'S WORT, MOSERIANUM (Hypericum).** A charming shrub, of dwarf habit, producing large single yellow flowers in great profusion during the summer. 90c each, \$9.00 per 12.

SNOWBALL (Viburnum).

- S. LANTANA (The Wayfaring Tree).** Large robust shrub with soft heavy leaves. Large clusters of white flowers in May, succeeded with red fruit. Very ornamental. \$1.25 each, \$12.00 per 12.
- S. JAPAN SNOWBALL (Viburnum Plicatum).** One of the finest shrubs in existence in flower and leaf. Handsome plicated leaves, globular heads of pure white. Flowers in early June. Surpasses the common variety. \$1.25 each, \$12.00 per 12.
- S. QUELDER ROSE (Sterilis).** A well-known favorite shrub, of large size, with globular clusters of pure white, sterile flowers the latter part of May. 90c each, \$9.00 per 12.

SNOWBERRY.

SYMPHORICARPUS. ST. PETER'S WORT or WAX-BERRY.

- S. RED-FRUITED or INDIAN CURRANT (Vulgaris).** Foliage, flowers and fruit small; fruit purple, hangs all winter. 90c each, \$9.00 per 12.
- S. SNOWBERRY (Racemosus).** Small pink flowers, and large white berries that hang on the plant part of the winter. 90c each, \$9.00 per 12.

SPIRAEA.

- S. ANTHONY WATERER.** A fine new dwarf spiraea, with dark crimson flowers. One of the finest. 90c each, \$9.00 per 12.
- S. ARGUTA.** Of dwarf habit; flowers clear white. The best early flowering white Spiraea. Early May. 90c each, \$9.00 per 12.
- S. BILLARDI.** Fine and distinct, with rose-colored flowers in spikes. 90c each, \$9.00 per 12.
- S. BUMALDA.** Of Dwarf habit; flowers rose colored; free bloomer during Midsummer and Autumn. 90c each, \$9.00 per 12.
- S. CALLOSA ALBA.** A white flowering variety, of dwarf habit; very fine; remains in flower all Summer. 90c each, \$9.00 per 12.
- S. GOLDEN-LEAVED (Foliis Aureis).** A beautiful dwarf plant with golden yellow foliage. It keeps its color the entire season. 90c each, \$9.00 per 12.
- S. PRUNIFOLIA FLORE PLENO.** Double white flowers in May. 90c each, \$9.00 per 12.
- S. SORBIFOLIA (Ash Leaved Spiraea).** Handsome foliage, resembling the Mountain Ash; long showy panicles of white flowers. 90c each, \$9.00 per 12.
- S. VAN HOUTTE'S (Van Houttei).** The most showy of all the Spiraeas, and one of the very best flowering shrubs in cultivation. Tall, upright grower, with long, slender branches that droop gracefully with their weight of foliage and flowers. Flowers pure white, in great clusters and whorls, forming cylindrical plumes two or three feet long. 90c each, \$9.00 per 12.

SUMACH (Rhus).

- S. CUT LEAF** (*Glabra Lanciniata*). Of low-growing form, with fern-like leaves, very effective. Brilliantly colored in autumn.
\$1.50 each, \$16.00 per 12.
- S. CUT-LEAVED STAGHORN** (*Typhina Laciniata*). A large-growing, bold and effective shrub, with delicate fernlike foliage and brilliant scarlet fruit in the Autumn.
\$1.25 each, \$12.00 per 12.

SYRINGA (Philadelphus).

- S. EUROPEAN FRAGRANT or MOCK ORANGE** (*Philadelphus Coronarius*). A well-known very hardy shrub, with showy white flowers, which are very fragrant.
90c each, \$9.00 per 12.
- . LARGE FLOWERING** (*Grandiflorous*). Large, showy flowers. A valuable variety.
90c each, \$9.00 per 12.
-

- TAMARIX AFRICANA** (*Tamarisk*). Strong, slender-growing, irregular shrubs with feathery foliage and small delicate flowers, borne profusely on gracefully bending branches.
\$1.25 each, \$12.00 per 12.

WIEGELA (Diervilla).

- W. AMABILIS or SPLENDENS**. Of robust habit; large foliage and pink flowers. Blooms freely in autumn, A great acquisition.
90c each, \$9.00 per 12.
- W. CANDIDA**. Of vigorous habit; erect grower; flowers pure white, produced in great profusion in June, continuing in bloom through the Summer.
90c each, \$9.00 per 12.
- W. DESBOISII**. Deep, rose-colored flowers, resembling *Rosea*, but much darker.
90c each, \$9.00 per 12.
- W. EVA RATHKE**. One of the best of all Wiegelas, of dwarfish habit, bearing well shaped large crimson-red flowers in great profusion.
90c each, \$9.00 per 12.
- W. LUTEA**. A new variety of merit; yellow flowers.
90c each, \$9.00 per 12.
- W. PAGES UNIQUE**. A variety of vigorous habit, producing beautiful red flowers, somewhat similar to *Eva Rathke*, but is of hardier habit.
90c each, \$9.00 per 12.
- W. ROSEA**. An elegant shrub, with fine rose-colored flowers. Quite hardy. Blooms in May.
90c each, \$9.00 per 12.
- W. STELZERNII**. Very showy, and profuse bloomer, the entire branches being covered with bloom. Flowers fine rose-colored.
90c each, \$9.00 per 12.
- W. VARIEGATED-LEAVED DWARF**. Of dwarf habit, and possessing clearly defined silvery variegated leaves; flowers nearly white. It stands the sun well.
90c each, \$9.00 per 12.

Medium Sized and Dwarf Refined Shrubs

Suitable for Planting around the Foundations of Houses, Verandahs, for Beds and the Front of Borders

(Plant 2 to 3 feet apart.)



BERBERRY, THUNBERGII. Beautiful foliage, Yellow Flowers and Red Berries.

DEUTZIA LEMOINE. Flowers white in large clusters.

FILBERT, PURPLE. Purple foliage.

FORSYTHIA VIRDISSIMA. Dark green foliage, yellow flowers.

FORSYTHIA SUSPENS. Of weeping habit, flowers yellow.

GLOBE FLOWER. Yellow or white daisy-like flowers.

HYDRANGEA, HILLS OF SNOW. Pure white flowers.

HYDRANGEA, PANICULATA GRAND. Panicles of white flowers turning pink.

JAPAN QUINCE. Bright scarlet flowers.

SPIREA, ANTHONY WATERER. A dwarf variety, crimson flowers.

SPIREA, ARGUTA. Dwarf habit, early white flowers.

SPIREA, CALLOSA ALBA. Dwarf white, a continuous bloomer.

WEIGELIA EVA RATKA. Dwarf habit, dark red, a profuse bloomer.

WEIGELIA ROSEA. Flowers rose colored.

Price.....\$9.00 per 12, and special prices for lots of 100 and up.

High Growing Shrubs For Back Grounds and Screening Purposes.

(Plant 4 to 5 feet apart.)



- BERBERRY, COMMON.** Bright red berries in clusters.
- CORNUS SIBERICA** (Siberian Dogwood). Bright red bark, white fruit.
- DEUTZIA, CRENATA.** Double pink flowers.
- DEUTZIA, PRIDE OF ROCHESTER.** Large very double white flowers.
- HONEYSUCKLE, UPRIGHT WHITE.** White flowers, orange or red berries.
- HONEYSUCKLE, UPRIGHT PINK.** Pink flowers, orange or red berries.
- SAMBUCUS AUREA** (Golden Elder). White bloom, golden foliage.
- SNOWBALL.** Round clusters of pure white flowers.
- SNOWBERRY, RED.** Ornamental foliage, purple berries.
- SNOWBERRY, WHITE.** Pink flowers, large white berries.
- SPIREA, BILLARDI.** Rose colored flowers in spikes.
- SPIREA, GOLDEN.** Golden foliage.
- SPIREA, VAN HOUTTE.** Most showy, flowers pure white in great clusters.
- SYRINGA** (Mock Orange). White flowers, very fragrant.
- SYRINGA GRANDIFLORA.** Like the Mock Orange with large flowers.
- VIBURNUM LANTANA.** Heavy ornamental foliage, white bloom, bright berries in clusters.
- WEIGELIA CANDIDA.** Fine, pure white, flowers large.
- Price.....\$9.00 per 12, and special prices for 100 lots and up.

Climbing Vines



(Boston Ivy or *Ampelopsis Veitchii*.)

AMERICAN IVY or VIRGINIA CREEPER (*Ampelopsis Quinquefolia*).

A native vine, of rapid growth, with large, luxuriant foliage, which in autumn assumes the most gorgeous crimson and purple coloring.

90c each, \$9.00 per 12.

AMPELOPSIS VEITCHII (Boston Ivy). "Of all climbers there is, of course, nothing for clinging to a wall without support equal to the *Ampelopsis Veitchii*, alias Boston Ivy, alias Japan Ivy. It will grow on and adhere to glass as well as brick wall. It should always be planted close to the wall; put a cubic foot or so of good soil prepared for it. Dormant plant should always be planted, for any growth made under glass will be injured by late frosts. The root can be strong, but all growth that will be of any use must start from the bottom, and do its own climbing. It's a little slow the first year, and sometimes brings a growl from a customer, but from that on its progress is rapid. Millions are planted, and cover mansions, cottages, and churches throughout the land, and millions more will be planted." Editor, "Florists' Review."

90c. each, \$9.00 per 12.

CHINESE MATRIMONY VINE. A general utility hardy climbing vine that will overcome any obstacle to growth and flourish anywhere. Every new shoot produces handsome purple flowers, and, later a prodigious crop of scarlet berries, nearly an inch long.

90c each, \$9.00 per 12.

CLEMATIS, HENRYI. The finest of all white Clematis, remarkably free and continuous bloomer. Flowers large, of a beautiful creamy white.

\$1.50 each, \$16.00 per 12.

CLEMATIS, JACKMANNI. Flowers large, of an intense violet purple remarkable for its velvety richness.

\$1.50 each, \$16.00 per 12

CLEMATIS, MADAME EDOUARD ANDRE. Flowers profusely, large in size, crimson in color, very fine.

\$1.50 each, \$16.00 per 12.

CLEMATIS, PANICULATA. A hardy sort; fragrant, strong, and one that will give entire satisfaction. Blooms so freely that the greater part of the foliage is hidden from view. The stems bearing the flowers are about five inches in length, and the color of the flowers pure white, star-striped, about an inch in diameter. They will last for days as cut flowers. Plant is a rapid, strong grower, with an abundance of foliage, and is seldom attacked by insects. September. \$1.25 each, \$12.00 per 12.

CLEMATIS, RAMONA. Perpetual bloomer. In size the flower surpasses any of the old sorts, often six to seven inches in diameter, and of the most perfect shape. Color deep, rich lavender. Distinct from any other sort, and very attractive. Perfectly hardy and remarkably vigorous. \$1.50 each, \$16.00 per 12.

CLIMBING BITTER SWEET or STAFF TREE (*Celastrus Scandens*). A native climbing, or twining plant, with fine large leaves, yellow flowers, and clusters of orange-capsuled fruit. It grows 10 to 12 feet in a season. 90c each, \$9.00 per 12.

DUTCHMAN'S PIPE (*Aristolochia Sypho*). A rapid-growing vine, with magnificent foliage ten to twelve inches in diameter, and curious pipe-shaped yellowish brown flowers. \$2.00 each, \$22.00 per 12.

HONEYSUCKLE, MONTHLY FRAGRANT (*Lonicera Belgica*). Blooms all summer. Flowers red and yellow. Very sweet. 90c each, \$9.00 per 12.

HONEYSUCKLE, HALL'S JAPAN (*Lonicera Halleana*). A strong, vigorous, evergreen variety, with pure white flowers, changing to yellow. Very fragrant, covered with flowers from June to November. 90c each, \$9.00 per 12.

HONEYSUCKLE, JAPAN GOLD-LEAVED (*Lonicera Aurea Reticulata*). A handsome variety, having foliage beautifully netted or variegated with yellow. 90c each, \$9.00 per 12.

HONEYSUCKLE, SCARLET TRUMPET (*Lonicera Sempervirens*). A strong grower and produces scarlet inodorous flowers all Summer. 90c each, \$9.00 per 12.

WISTARIA. A most beautiful climber of rapid growth, and producing long pendulous clusters of pale blue flowers. When well established makes an enormous growth. \$1.50 each, \$16.00 per 12

Roses

PLANTING AND CULTIVATION.

Roses should be planted in a deep, rich, well-drained soil so that the top roots are not less than two inches below the surface, and should be severely pruned every spring before the buds start, cutting back the last growth to three or four buds, except Climbing Roses, which may first be allowed to partly cover the space desired. Old decayed branches should never remain. Every autumn compost should be placed around the stem of the plants, and spaded into the ground the following spring.

After planting, the earth should be dug up around them so as to form a small channel all around the bush; pour into this some liquid manure, mixing the earth that has to be replaced in with it. A small quantity of liquid manure given to the bushes in the manner described, twice a month, will encourage growth and blossom.

The Rose Garden



WINTER PROTECTION.

The best method of Winter protection for Roses is, in the fall to bank with earth well around the roots and crown of the bush and then cover the branches with a covering of forest leaves or straw. A neat and effective way is to surround the beds with a temporary fence of 12-inch chicken fence wire, filled with leaves, which are easily obtained. Evergreen boughs make a fair covering, but are difficult to obtain in quantity. Corn stalks are frequently used. Leaves, however, answer the purpose admirably, and a better or more natural covering it is difficult to get.

FOR THE ROSES.

A noted Rose grower, in his treatise, "The Rose," says:—"He who would have beautiful Roses in his garden, must have beautiful Roses in his heart. The application of certain remedies, therefore, is not all that is required; you must be vigilant and watch your Roses carefully if you want them healthy."

Aphis.—This is a small green louse, when fully grown about an eighth of an inch in length. If your Roses are troubled with ants, watch for the Aphis. A simple remedy is to smoke your plants with Tobacco. The following formula will prove beneficial:—Quassia, or tobacco stems, 4 oz.; pour on a gallon of water, and boil ten minutes; strain, and add 4 oz. soft soap; apply when cold with whisk broom.

Mildew.—This is often found on Roses when they are shaded too much. A continuance of damp weather also produces mildew. The remedy for this is simple, if taken in time, and consists of a sprinkling of soot or sulphur. This should be applied either early in the morning, while the dew is on the plants, or else the plants may be given a sprinkling of water and the remedy applied then, so it will adhere to the leaves.

Red Spider.—This insect is found more commonly on Roses grown in the house, where the atmosphere is dry and hot. They are very small, but should the foliage on your tender Roses assume a yellow tinge, watch for the red spider, a reddish brown in color. An application of whale-oil soap, dissolved in warm water, will usually destroy them. As the red spider is found on the under side of the leaf, it is necessary to use a bulb or syringe for this solution, to throw the water on the desired spot. It is well to wash the plants occasionally with clear water when using this solution.

Slug.—The slug is the larva of the saw-fly. The female flies perforate the Rose leaf in different places, and deposit their eggs in these incisions. These hatch rapidly, and the slugs feed on the foliage. Powdered white hellebore is the best remedy; a solution of whale-oil soap is also good.

THE ADVANTAGE OF PLANTING FIELD-GROWN DORMANT PLANTS.

Many have tried Roses and have failed, through planting small greenhouse plants, not sufficiently hardened and with little root system. The plants we offer have been field grown, are two years old, and will be delivered in a dormant condition, the right condition to plant, and the best stock that can be supplied, and should bloom first season.

Hybrid, Perpetual or Remontant Roses

Strong two-year plants. \$1.50 each, \$16.00 per 12, \$125.00 per 100.

ALFRED COLOMB. Brilliant carmine crimson; very large; full, extremely fragrant.

AMERICAN BEAUTY. Large, globular; deep pink, shaded with carmine; delicious odor.

ANNE DE DIESBACH. One of the best strong, hardy, large, double flowers, carmine, fragrant.

BARONESS ROTHSCHILD. Light pink, cupped form; without fragrance. Very distinct and beautiful.

CAPTAIN HAYWARD. Flowers very large; color bright carmine crimson; vigorous and free-flowering.

CLIO. One of the finest flesh-colored Roses. Flowers perfect in form, from bud to open flower.

COQUETTE DES ALPS. White, shaded with carmine.

FRANCOIS LEVET. Cherry red; medium size; well formed; of the Paul Verdier style; very fine bloomer.

FRAU KARL DRUSCHKI (Snow Queen). A continuous blooming, hardy variety; beautiful in bud and when fully developed. Flowers are large, beautiful, pure silvery white with a deep bud. This is the best white Hybrid Perpetual yet introduced.

GENERAL JACQUEMINOT. Brilliant crimson, large and fine, handsome and showy. Fine free grower, a universal favorite.

GLOIRE de CHADANE GUIONOISSEAU. Bright vermilion-red, large and double.

GEORGE DICKSON. Color velvety black-crimson, the back of the petal heavily veined with deep pure crimson-maroon. Large in size.

HUGH DICKSON. Intense crimson, shaded scarlet; very large, full, and magnificent form, with high pointed centre; growth upright and vigorous, continuous bloomer; the finest of all Autumn Roses.

JOHN HOPPER. Bright Rose, with carmine centre; large and full.

J. B. CLARKE. Deep scarlet, shaded blackish-crimson, with red bloom, like a plum. Flowers large, beautifully formed.

LA REINE. Brilliant glossy Rose; very large; cupped and beautiful.

MAD. GABRIEL LUIZET. For loveliness in color, fragrance, size and freedom of blooming qualities, this Rose has no equal to-day; pink, distinct, very large, cupped shape; somewhat fragrant.

MADAME PLANTIER. Pure white, medium size, full; flowers produced in great abundance early in the season.

MAGNA CHARTA. Bright pink, suffused with carmine; very large, full and fragrant, with magnificent foliage. A free bloomer. For the earliest deep color is still the best.

MRS. JOHN LAING. One of the best varieties yet introduced, being hardly ever out of bloom all Summer. Color a beautiful shade of delicate pink; of large size and very fragrant.

PAUL NEYRON. Flowers of immense size, very double and full, of a beautiful deep rose color, and delightfully fragrant; borne upon vigorous upright shoots in great abundance throughout the entire season. As showy as the *Pæonia*, it has the delicate coloring and exquisite scent of the Rose. The wood nearly smooth, foliage tough and enduring.

PRINCE CAMILLE de ROHAN. Deep velvety crimson; large, moderately full. One of the darkest in cultivation, and a splendid Rose.

ULRICH BRUNNER. A superb Rose; extra large, bold flowers; full and globular; petals large and of good substance; color rich, glowing crimson, elegantly lighted with scarlet; fragrant.

Rambler and Climbing Roses

Strong two-year plants.....\$1.50 each, \$16.00 per 12.



(Dorothy Perkins.)

BALTIMORE BELLE. Pale blush, nearly white; double; the best white climbing Rose.

BLUE OR VIOLET BLUE RAMBLER (Veilchenblau). Produce immense panicles of blooms, opening reddish lilac, changing to amethyst and steel blue.

- CLIMBING AMERICAN BEAUTY.** A rose of great merit, color rosy carmine, similar to its popular parent; fragrant; a rare quality found in climbing roses; strong grower; hardy.
- CRIMSON RAMBLER.** Bright crimson flowers produced in large clusters of pyramidal form. Grand variety for pillars and arches, verandahs and porches. Foliage bright glossy green.
- DOROTHY PERKINS.** Produces beautiful clusters of shell-pink flowers, semi-double, and strong habit of growth.
- EXCELSA (Red Dorothy Perkins).** Intense crimson-scarlet; double flowers in brilliant clusters set in glossy, shining foliage which never mildews nor spots. An intensified Crimson Rambler, which it promises to displace. Extremely vigorous and the handsomest of all red climbers.
- HIAWATHA.** Glowing ruby-crimson, with a clear white eye; single flowers in clusters; light glossy green foliage.
- LADY GAY.** Cherry-pink, fading to soft white; the flowers, in large loose trusses, together with the buds and foliage, form a mass of beauty from base of vine to tips of branches.
- MINNEHAHA.** Similar to Dorothy Perkins, but paler in color.
- PHILADELPHIA RAMBLER.** An improvement on the famous Crimson Rambler, flowers being larger, much more double, and of a light crimson color.
- RUBY QUEEN.** Hardy climber, color deep ruby-rose, full and double. Strong, healthy grower, almost disease proof.
- THOUSAND BEAUTIES.** Varying shades from a delicately flushed white to a deep pink or rosy carmine, in bright clusters of blossoms almost covering the handsome pale green foliage.
- WHITE DOROTHY PERKINS.** A pure white sport from Dorothy Perkins with which it is identical in foliage and habit.

Hardy Everblooming Roses

HYBRID TEAS.

A new race of Roses has developed within recent years known as the Hybrid Teas, and which are speedily growing into favor. Many growers are dissatisfied with the Hybrid Perpetual Roses, as they have only one season to bloom. A class, however, that will survive our Winters and bloom freely all Summer is deservedly popular.

To lovers of Roses, therefore, we offer these choice varieties, the best in regard to hardness and bloom for amateur gardeners. They require some Winter protection, but where this extra attention is given, they will repay one hundred fold by a succession of bloom throughout the growing season in the most delicate of colors, sweet scented, and with buds of finest form.

Strong two-year plants\$1.75 each, \$18.00 per 12.

AVOCA. A splendid bright red Rose, with very pointed bud

BRITISH QUEEN. Finest pure white rose grown; free grower and fragrant.

EMPRESS AUGUSTA VICTORIA. A beautiful Rose, with elegant large pointed buds; very large, full, double flowers. Color deep creamy white; deliciously fragrant.

GENERAL McARTHUR. Vivid crimson scarlet, the most beautiful shade of any garden or forcing Rose offered, retaining its brilliancy when expanded to flowers of superb form.

• **GRUS AU TEPLITZ.** Hardy in all sections, grows freely to a height of four to five feet, vivid, dazzling, fiery crimson; sweetly fragrant; produces a mass of gorgeous blooms on long stems.

KILLARNEY. One of the most popular garden Roses, color sparkling brilliant pink, blooms large. Buds long and pointed.

KILLARNEY WHITE. Large, very double; pure white, vigorous grower.

LADY ASHDOWN. Large double, high-pointed centre. Color a soft rose shading to yellow; free bloomer, splendid for cutting.

LYON. A Rose of wonderful coloring, buds long, color shrimp-pink, shaded chrome-yellow.

MAD. CAR. de TESTOUT. A splendid Autumn Rose, bright satiny pink, suffused soft carmine-pink.

MADAM RAVARY. Rich deep nankeen-yellow, becoming lighter as the flower expands. The flowers are of splendid form, full double and very fragrant.

MAD. E. HERRIOTT ("The Daily Mail Rose"). Winner of several gold medals. Buds coral-red, shaded with yellow at the base, the open flowers of medium size, semi-double, are of superb coral-red, shaded with yellow and bright rosy scarlet, passing to shrimp-red. The bud is long, slender and pointed. The color is like sunshine on a copper-red metal.

MAD. HASWELL VEITCH. An entirely distinct brilliant scarlet, with black shadings, large moderately double flowers, which are very fragrant—very floriferous.

MRS. AARON WARD. A distinct shade of Indian yellow, which, as the flower expands, shades lighter towards the edges, making a splendid color combination. One of the freest flowering varieties in our collection.

OPHELIA. Salmon-flesh shaded with rose, large and of perfect shape; of excellent habit, flowers standing up well on long stiff stems and produced in great profusion.

WILLOWMERE. Long carmined coral-red bud, opening to large flower; rich shrimp shaded yellow in centre, toning to carmine pink towards edges.

EVERGREEN OR MEMORIAL ROSES.

\$1.50 each, \$16.00 per 12.

WICHURIAIANA, or MEMORIAL ROSE. It is difficult to conceive anything more appropriate, beautiful and enduring for covering graves and plots in cemeteries than the hardy Memorial Rose. It creeps along the ground as closely as an Ivy. The flowers are produced in lavish profusion in July. They are single, pure white, with a golden-yellow disc, five to six inches in circumference. It is also immensely valuable as a Climbing Rose, covering arches, fences, etc.

MOSS ROSES.

• **HENRY MARTIN.** Rich, glossy pink; deepening to crimson; large, globular flower; very full and sweet; finely mossed.

BABY RAMBLER, or DWARF POLYANTHA ROSES.

Valuable for bedding and for pot culture.

\$1.50 each, \$16.00 per 12.

BABY RAMBLER. Foliage of fine polished dark green, and is never attacked by insects or fungus. Flowers crimson, similar to the popular Climbing Crimson Rambler, but is a continuous bloomer. A splendid budding variety, also wonderful for culture in pots.

BABY RAMBLER, PINK. Large clusters of brilliant rose-colored flowers in great profusion.

BABY RAMBLER, WHITE. Pure snow-white, double blooms in profuse clusters. Foliage, dark, glossy and finely cut; ever-blooming.

ERNA TESCHENDORFF. A "sport" from the Crimson Baby Rambler, as bright as Gruss au Teplitz, the well-known Hybrid Tea, which has been well described as the "Reddest of all Red Roses."

RUGOSA AND HYBRID RUGOSA ROSES.

This is a very interesting group, of Japanese origin. The flowers are mostly single. The plant is highly ornamental on account of its good habit and beautiful glossy foliage. They are extremely hardy.

\$1.50 each, \$16.00 per 12.

MDE. CHAS. WORTH. A dark red Rose, very double, handsome, both in bud and expanded flower. A hybrid of the Rugosa class, combining the fine leathery, glossy foliage of the Rugosa with the flower and aroma of the Hybrid Perpetual. A prolific bloomer.

NOVA ZEMBLA. A hybrid variety in which the foliage is entirely distinct from the type; forms large shrub-like bushes 6 feet or more high, making it a most desirable variety to plant in a shrubbery border; the flowers are large; double, of fine form, white, with a pleasing flush of pink, and produced throughout the summer.

RUGOSA ROSEA. From Japan. Flowers single, a most beautiful rosy-crimson, succeeded by large berries, red or yellow in color. Foliage handsome glossy green and of healthy vigorous growth. Can be grown as a shrub or for hedging.

Hardy Herbaceous Plants

The popularity of the Herbaceous Perennial Flower Bed is well deserved, for nothing that we know of produces such a wealth of continuous bloom and color. From early summer until the snow flies a bed of this nature is covered with beautiful flowers. The Herbaceous Perennial Bed once planted is permanent, eliminating the necessity of renewing the bed each year as is necessary with annuals. Cut flowers are obtainable throughout the summer and in securing these no injury is done to the appearance of the bed.

The varieties mentioned in the following lists insure the planting of a satisfactory Perennial Bed and the plants we supply are well-grown 2-year clumps:

The Perennial Border



HOW TO PLANT A HERBACEOUS PERENNIAL BORDER.

VARIETY.	HEIGHT.	SEASON.
Row No. 1. (Front)—Plant 2 ft. apart in clump of three.		
1. Coreopsis.....	1½-2 ft.	June, July, August.
2. Heuchera Sang.....	18 in.	July, August.
3. Gaillardia.....	1½ ft.	June, July, Aug, Sept., Oct.
4. Funkia Varg.....	2 ft.	July.
5. Shasta Daisy.....	1½-2 ft.	July, August.
6. Poppy, Icelandic.....	12 in.	June, July.
7. Tritoma.....	1½-2 ft.	August, September, Oct.
Row No. 2 (Middle)—Plant 3 ft. apart.		
8. Phlox, Pink.....	2-4 ft.	August, September
9. Iris, Light Blue or Purple.....	1½-2½ ft.	May, June.
10. Pæonia, Pink.....	2-4 ft.	May, June.
11. Phlox, White.....	2-4 ft.	August, September.
12. Poppy, Oriental.....	3 ft.	June.
13. Iris, Yellow.....	1½-2½ ft.	May, June.
14. Pæonia, White.....	2-4 ft.	May, June.
15. Phlox, Red.....	2-4 ft.	August, September.
16. Poppy, Oriental.....	3-4 ft.	June.
17. Iris, Dark Blue or Purple.....	1½-2½ ft.	May, June.
18. Pæonia, Red.....	2-4 ft.	May, June.
19. Digitalis.....	3-4 ft.	June, July.
20. Lychnis Chal.....	3-4 ft.	July.
Row No. 3 (Back)—Plant 4 ft. apart.		
21. Helianthus.....	4-6 ft.	September.
22. Hollyhock, Red.....	4-6 ft.	July, August.
23. Aster, Hardy.....	3-4 ft.	September, October.
24. Golden Glow.....	6-8 ft.	August, September.
25. Anchusa Italica.....	3-5 ft.	May, June.
26. Hollyhock, White.....	4-6 ft.	July, August.
27. Hibiscus Crimson Eye.....	4-5 ft.	August, September.
28. Helianthus Orygalis.....	6-7 ft.	September.
29. Hollyhocks, Pink.....	4-6 ft.	July, August.
30. Delphinium.....	4-5 ft.	July, August.
Plant Grass Pinks for edging.		Plant 12 inches apart.

ACHILLEA, WHITE. Flowers borne in great profusion the entire Summer on strong erect stems, of the purest white; it is unexcelled as a cut flower. 1½ ft. July, October. 50c each, \$5.00 per 12.

ANCHUSA ITALICA, DROPMORE. A new perennial of sterling merit. Gentian-blue flowers, in long sprays, the equal of larkspur, in June and July. 3-4 ft.

ANEMONE WHIRLWIND. Double white flowers produced in great profusion in Autumn. August-October. 60c each, \$6.00 per 12.

AQUILEGIA, COLUMBINE. An old favorite that succeeds in any garden soil, various colors. 50c each, \$5.00 per 12.

AQUILEGIA, LONGSPURRED. Longspurred flowers and a variety of coloring, such as, yellow, pink, flesh, etc. 50c each, \$5.00 per 12.

ASTER, HARDY—MICHAELMAS DAISY. Lavender-blue flowers in October. They flower and grow in great profusion; 3½-4 ft. Do not confuse these single Asters with China Asters, which are not hardy.

BAPTISIA AUSTRALIS (False Indigo). Blue False Indigo—deep blue lupin-like flowers in racemes. 2 to 5 ft. June. 50c each, \$5.00 per 12.

BOLTONIA (Starwort). One of the prettiest of hardy plants, growing 4 to 5 feet high; it has pure white aster-like flowers, produced in great profusion; fine for cutting. July-September. 50c each, \$5.00 per 12.

BLEEDING-HEART, DICENTRA or DIELYTRA (Spectabilis). A handsome, most curiously formed rosy-crimson flower, with white and blue tinged protruding stamen; one of the finest border plants; is quite hardy. 1 to 2 ft. May-June. 50c each, \$5.00 per 12.

CAMPANULA-BELLFLOWER. Is one of the most important of hardy plants; they combine a wide range of habit and color, and being perfectly hardy increases their usefulness. We can make up a fine collection. 50c each, \$5.00 per 12.

CHRYSANTHEMUM, MAXIMUM TRIUMPH. Tall hardy plant, producing immense quantities of hardy daisy-like flowers all Summer.

CLEMATIS INTEGRIFOLIA. Distinct from climbing sorts, flowers freely in July and August; purple, bell-shaped flowers. 2 ft. 75c each, \$8.00 per 12.

CONE FLOWER (*Rudbeckia*).

C. GIANT PURPLE (*Rudbeckia Purpurea*). Reddish purple, a fine plant; very distinct in color. 4 ft. August-September. 50c each, \$5.00 per 12.

C. GOLDEN GLOW (*Rudbeckia Laciniata*). A large showy plant. Flowers double, deep golden yellow, resembling *Chrysanthemum*. July till September. 6-8 ft. 30c each, \$3.00 per 12.

CORAL BELL or ALUM ROOT (*Heuchera Sanguinea*). Flowers bright crimson, borne in long drooping arching sprays for weeks in succession. Excellent for cut purposes. May to September. 1 ft. 50c each, \$5.00 per 12.

COREOPSIS (Tickweed). Large golden yellow flowers; profuse bloomer; keeps in flower throughout the summer; one of the best hardy plants. 1 to 3 ft. Very handsome. June. 50c each, \$5.00 per 12.

NEW DAHLIAS.

The Dahlia is the grandest Autumn flower we have. Nothing is its equal in September and October. We offer below new varieties of the old-fashioned **Show Dahlia**, of the **Pompom** or **Bouquet Dahlias** and a new class called **Collarette Dahlias**; these have single flowers, with an additional row of short petals around the disk, forming a frill or collar, which is usually of a different color from the rest of the flower.

Named kinds in strong tubers, \$1.00 each, \$11.00 per 12.

By color: 75c each, \$8.00 per 12.

ARABELLA (Show). Pink.

BIRD OF PASSAGE (Show). Pink and white.

BLACK BEAUTY (Decorative). Rich dark red.

CATHERINE (Pompom). Vermilion-red shaded to orange at tips; creamy white collar.

DIRECTOR RENE GERARD (Collarette). Creamy-white suffused and marked with French purple, cream-white collar.

DREER'S WHITE (Show). White.

ETHEL VICK (Show). Pink.

LADY GROSVENOR (Cactus). Salmon pink.

MAID OF KENT (Show). Red and White.

MAURICE REVOIRE (Collarette). Ox-blood red and white fringed collar.

MME. E. POIRIER (Collarette). Deep purple, suffused with lighter shades, which gives it a violet-blue effect; collar white. The nearest approach to a blue.

SIGNORINA ROSA ESENGRINA (Collarette). Bright lemon-yellow marked with orange-scarlet; collar bright lemon-yellow.

WHITE ASTOR (Pompom). White.

WM. AGNEW (Decorative). Rich dazzling carmine red.

GAILLARDIA (Blanket Flower). No plant in the hardy flower garden gives more satisfaction. It flowers in great profusion nearly all Summer; deep orange-yellow or red, with black band near the centre. 2 ft. 50c each, \$5.00 per 12.

GLADIOLUS. Among the most showy and brilliant of all bulbous plants. Should be planted outdoors in the Spring, never in the fall. \$1.00 per 12, \$6.00 per 100.

GRASSES.

ERIANTHUS RAVENNAE. Resembles the Pampas Grass, but blooms more abundantly. Attains a height of from 9 to 12 feet. Being perfectly hardy, is a valuable grass for the decoration of lawns.

75c each, \$8.00 per 12.

EULALIA JAPONICA. The type; a vigorous grower with large plumes.

75c each, \$8.00 per 12.

EULALIA ZEBRINA (Zebra-striped Eulalia). One of the most beautiful of ornamental grasses; foliage marked crosswise with bands of white and green.

75c each, \$8.00 per 12.

FOXGLOVE. (Digitalis). Flowers all shades, from the purest white to the darkest red. 4 ft. July-August. 50c each, \$5.00 per 12.

GLOBE THISTLE (*Echinops*). Very curious plant; thistle-like, deep steel-blue flowers. 4 ft. July-August. 50c each, \$5.00 per 12.

GYPSOPHILLIA (*Infant's Breath*). Flowers small, white, in large loose panicles; valuable for boquets. July. 50c each, \$5.00 per 12.

HARPALIMUM. A species of single sunflower, with long stiff stems, which makes it very desirable for cutting. 50c each, \$5.00 per 12.

HELIANTHUS RIGIDUS (*Prairie Sunflower*). Flowers large golden yellow, produced abundantly; a showy plant. 3½ ft. July. 50c each, \$5.00 per 12.

HELIANTHUS MAXIMILIANA. An elegant species. The latest bloomer of its class, as well as one of the latest of the flowers. Flowers clean yellow, varying from 3 to 5 inches across with several rows of petals and a full centre. Handsome in bud or flowers. 8 ft. October-November. 50c each, \$5.00 per 12.

HOLLYHOCK. Few plants in the world so grand and yet so perfect and delicate as the Hollyhock. One of the best to plant a background for the border. We offer new double varieties, in a nice assortment of colors: Crimson, Maroon, Rose, White, and Yellow. 60c each, \$6.00 per 12.

IRIS, FLAGS or FLEUR-DE-LIS.

The German Iris are among the most desirable and easiest grown of our Spring flowering hardy plants, producing in May their showy flowers of exquisite coloring, combining the richest and most delicate tints.

For the best results, plant in a well drained sunny position, barely covering the roots. Avoid fresh manure in preparing your border.

Our collection embraces a list of splendid varieties in various colors including: White, light blue, dark blue, purple, purple striped, yellow, and yellow and brown. 60c each, \$5.00 per 12.

LARKSPUR (*Delphinium*). A remarkable showy class of tall growing plants, producing magnificent spikes of blue flowers in Summer. We know of no plants which will afford greater satisfaction than these. 50c each, \$6.00 per 12.

LYCHNIS—CHALCEDONICA (*Ragged Robin or Maltese Cross*). This excellent old perennial is unrivalled for grouping and for border, heads of brilliant orange-scarlet, on tall stiff stems, grows 2-3 ft. high. June and July. 50c each, \$5.00 per 12.

MALLOW (*Hybiscus*).

M. MOSCHEUTOS (*Swamp Rose Mallow*). Flowers six inches in diameter, of a light rosy-red color with darker eye. \$1.00 each, \$11.00 per 12.

PÆONIAS, CHINESE HERBACEOUS.

Few people realize that the old-fashioned (*Piny*) has been so improved upon that in the newer varieties it is nearly as sweet scented as the Rose, and in brilliancy and variety of color its equal. It is perfectly hardy, can be grown anywhere, and is free from all diseases and insects.

Our collection shown herewith embraces the very choicest sorts, the cream of the best producers in Europe and America. Grow from pure white, straw color, salmon, flesh color and blush, to lilac and deep rose. These are beautifully showy and easily cultivated plants, blooming from the beginning of May to the end of July. Pæonias are planted with the best effect in mass, beds and borders. A large bed in an extensive lawn makes a great show.

Named varieties \$1.52 each, \$12.00 per 12.
By color..... 1.00 each, 10.00 per 12.

The Paeonia Border



- ALICE CROUSE.** Light pink, mid-season.
- DUCHESSE de NEMOURS.** Sulphur-white, changing to pure white.
- FELIX CROUSE.** Brilliant red. Late mid-season.
- FESTIVA MAXIMA.** Pure white and a few marks of carmine in the centre; perfectly globular, beautiful and sweet, the best white.
- LADY BRAMWELL.** A beautiful silvery-rose; of fine form.
- LOUIS VAN HOUTTE.** Dark crimson, very compact; one of the best of its color.
- MARECHIEL MCMAHON.** Dark red.
- MARIE LEMOINE.** Extra large, late, free flowering, ivory-white.
- MONS JULES ELIE.** Shell pink, early.
- PROLIFERA TRICOLOR.** Two shades of pink, cream centre.
- QUEEN VICTORIA.** Creamy white. Mid-season.
- SOLFATAIRE.** Sulphur white. Mid-season.

PERENNIAL PHLOX

Among Autumn flowers, this is one of the finest; vigorous grower; easily cultivated, and produces flowers of bright and varied colors in great profusion.

Strong clumps.....50c each, \$5.00 per 12.

ALBION. A strong, vigorous grower, producing very large panicles of pure white flowers, with a faint red eye.

ANTOINE MERCIÉ. Light ground color, one-half of each petal suffused bluish-lilac.

BOUQUET de FLEUR. White with deep rose eye.

COQUELICOT. One of the best; flowers large and of a fiery red color.

EIFFEL TOWER. A beautiful pink with scarlet centre; tall, superb.

ECLAIREUR. Purplish crimson.

FRAU ROSALIE WILDT. Soft, pleasing mauve-rose, with carmine eye.

- HENRY MARCEL.** Pure red, with bright salmon shading
- H. O. WIJERS.** Pure white, with crimson carmine eye.
- JEANNE D'ARC.** Pure white, late flowering.
- LA VAGUE.** Pure mauve, with aniline-red eye.
- MERCIER.** Lavender striped darker.
- MME. PAUL DUTRIE.** Delicate lilac rose; flowers large, in immense panicles.
- OBERGARTENER.** Bright magenta, with crimson-carmine eye, large flowers and truss.
- ROSENBERG.** Bright reddish violet, with blood-red eye.
- RYNDSTROM.** Rose-pink, flowers very large. One of the best for massing.
- SUNSHINE.** Aniline-red, with crimson eye and light halo.
- THE QUEEN.** Cherry red with scarlet centre.
- VON LASSBURG.** Splendid pure white, with very large individual flowers.

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- PHANTAIN LILY (Funkia Rosea).** Handsome plant, well adapted for low marshy ground, borders, rock work; will grow in any position. Handsome foliage; flowers rosy pink. July. 1 ft.
50c each, \$5.00 per 12.
- PHANTAIN LILY (Funkia Undulata Variegata).** Green and white variegated foliage, long spikes of beautiful light blue flowers. June and July. 1 ft. 50c each, \$5.00 per 12.
- PINK—GARDEN GRASS PINK (Dianthus Plumarius).** Pink, 1 foot. May and June. Fragrant flowers with fringed petals. 1 ft.
50c each, \$5.00 per 12.

PLATYCODON (Balloon Flower)

Platycodons are closely allied to the Campanulas. In form neat, branched bushes, of upright habit. Blossom about middle of July and continue for nearly a month. Plants free from attacks of insects.

- P. GRANDIFLORUM BLUE.** Deep blue, cupped star shaped flowers.
60c each, \$6.00 per 12.
- P. ALBUM.** White flowered form of the above. 60c each, \$6.00 per 12.

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- POPPY (Papaver).** Oriental. Deep scarlet, purple centre. 3 ft. July-August. 50c each, \$5.00 per 12.
- PYRETHRUM.** Hardy perennial of easy culture; blooms in June; splendid for cutting; flowers crimson pink and white.
60c each, \$6.00 per 12.
- SEA HOLLY (Ernygium).** Amethystium. Flowers in globular heads, amethystine blue; being glorified thistles in general appearance. Foliage spiny. 3 ft. July and August. 60c each, \$6.00 per 12.
- SHASTA DAISY.** Has large white flowers, blooming throughout the Summer; very showy. 50c each, \$5.00 per 12.
- SWEET WILLIAM (Dianthus Barbatus).** Old-fashioned garden favorite in all shades, single and double flowers. 1 ft. May and June. 50c each, \$5.00 per 12.
- TRITOMA (Red Hot Poker).** One of the most showy of all Fall Perennials, produces spikes of flame colored flowers until frost. 60c each, \$6.00 per 12.
- YUCCA (Spanish Bayonet).** Of fine appearance. Stem grows 2 ft. above ground; flowers large, bell-shaped. Creamy-white. July. 75c each, \$8.00 per 12.



Golden Elder (*Sambucus Aurea*).

Shade Trees, Shrubs *and* Hedging



Spirea *and* Iris



The Perennial Border



*Hardy Herbaceous Perennial Plants for the Old-Fashioned Flower Garden
are given on pages 25 to 29*

See Plan for Perennial Border on page 26